

FIG. 1

The diagram illustrates the system architecture, divided into two main sections: the **PORTABLE TERMINAL 304** and the **EXTERNAL SERVER TERMINAL 305**.

PORTABLE TERMINAL 304:

- It contains a **RADIO SECTION 315** connected to a **DATA PROCESSING SECTION 314**.
- The **DATA PROCESSING SECTION 314** is connected to a **CPU 311**.
- A **PROGRAM MEMORY 313** is connected to the **CPU 311**.
- The **CPU 311** is connected to a **CONTENT ANALYSIS SECTION 316**.
- The **CONTENT ANALYSIS SECTION 316** is connected to an **I/F CIRCUIT 331**.
- The **I/F CIRCUIT 331** is connected to another **I/F CIRCUIT 332**.
- The **I/F CIRCUIT 332** is connected to a **CONTENT MEMORY 317**.
- The **I/F CIRCUIT 331** is also connected to a **VOICE PROCESSING SECTION 318**.
- The **VOICE PROCESSING SECTION 318** is connected to a **SPEAKER 319**.
- The **I/F CIRCUIT 332** is also connected to a **DISPLAY PROCESSING SECTION 321**.
- The **DISPLAY PROCESSING SECTION 321** is connected to a **DISPLAY DEVICE 322**.
- All these components are connected to a common bus **312**.

EXTERNAL SERVER TERMINAL 305:

- It contains a **PROGRAM MEMORY 343** connected to a **CPU 341**.
- The **CPU 341** is connected to a **CONTENT MEMORY 344**.
- The **CONTENT MEMORY 344** is connected to a **CONTENT CONVERSION PROCESSING SECTION 345**.
- The **CONTENT CONVERSION PROCESSING SECTION 345** contains a **CONVERSION TABLE 345a**.
- The **CONTENT CONVERSION PROCESSING SECTION 345** is connected to a **CACHE MEMORY 346**.
- The **CACHE MEMORY 346** is connected to a **CONTACT RECONSTRUCTION SECTION 347**.
- The **CONTACT RECONSTRUCTION SECTION 347** is shown in a dashed box.
- The **CONTENT CONVERSION PROCESSING SECTION 345** is connected to an **I/F CIRCUIT 351**.
- The **I/F CIRCUIT 351** is connected to another **I/F CIRCUIT 352**.
- The **I/F CIRCUIT 352** is connected to the **PORTABLE TERMINAL 304**.
- All these components are connected to a common bus **342**.

FIG. 2

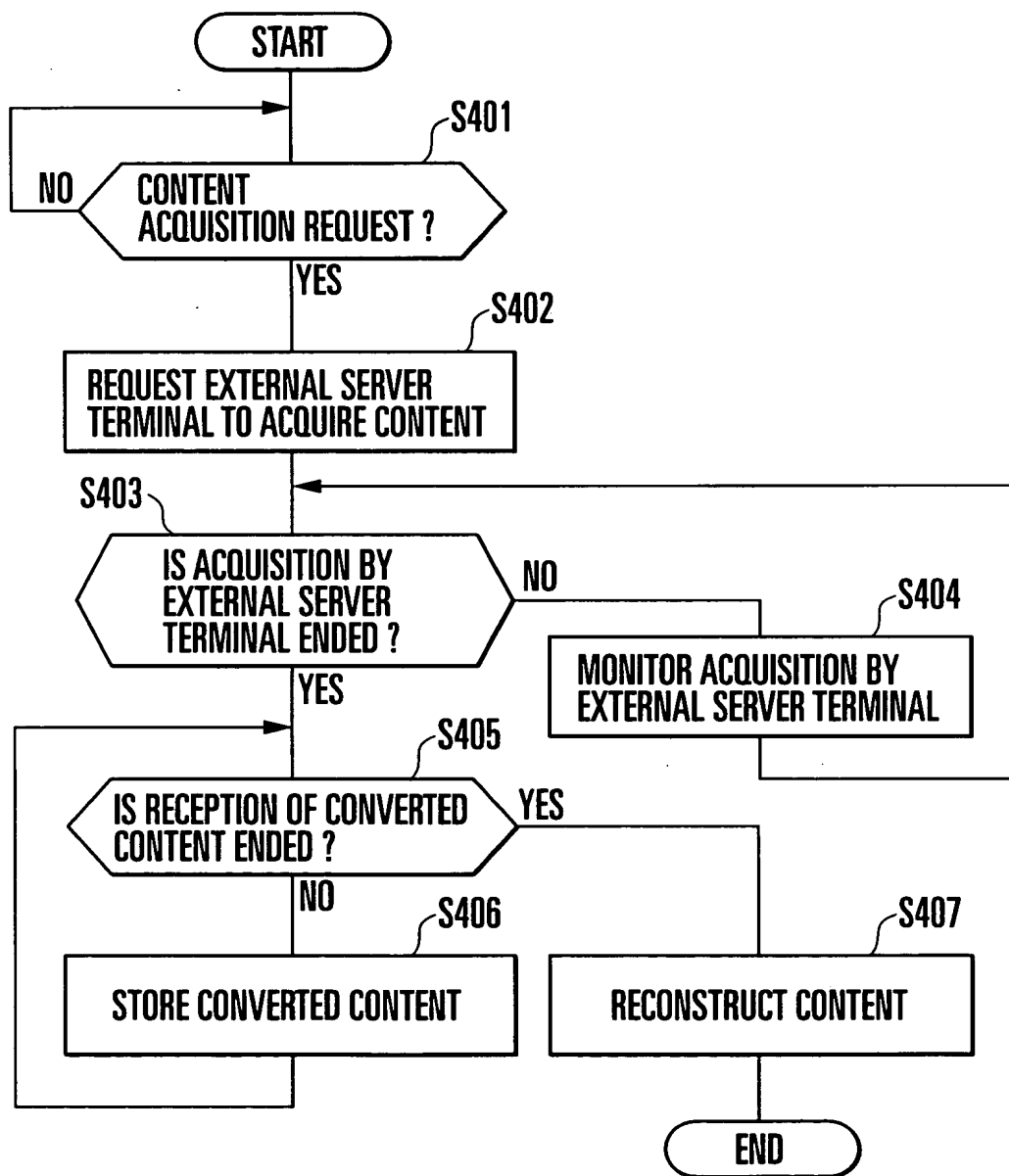


FIG. 3

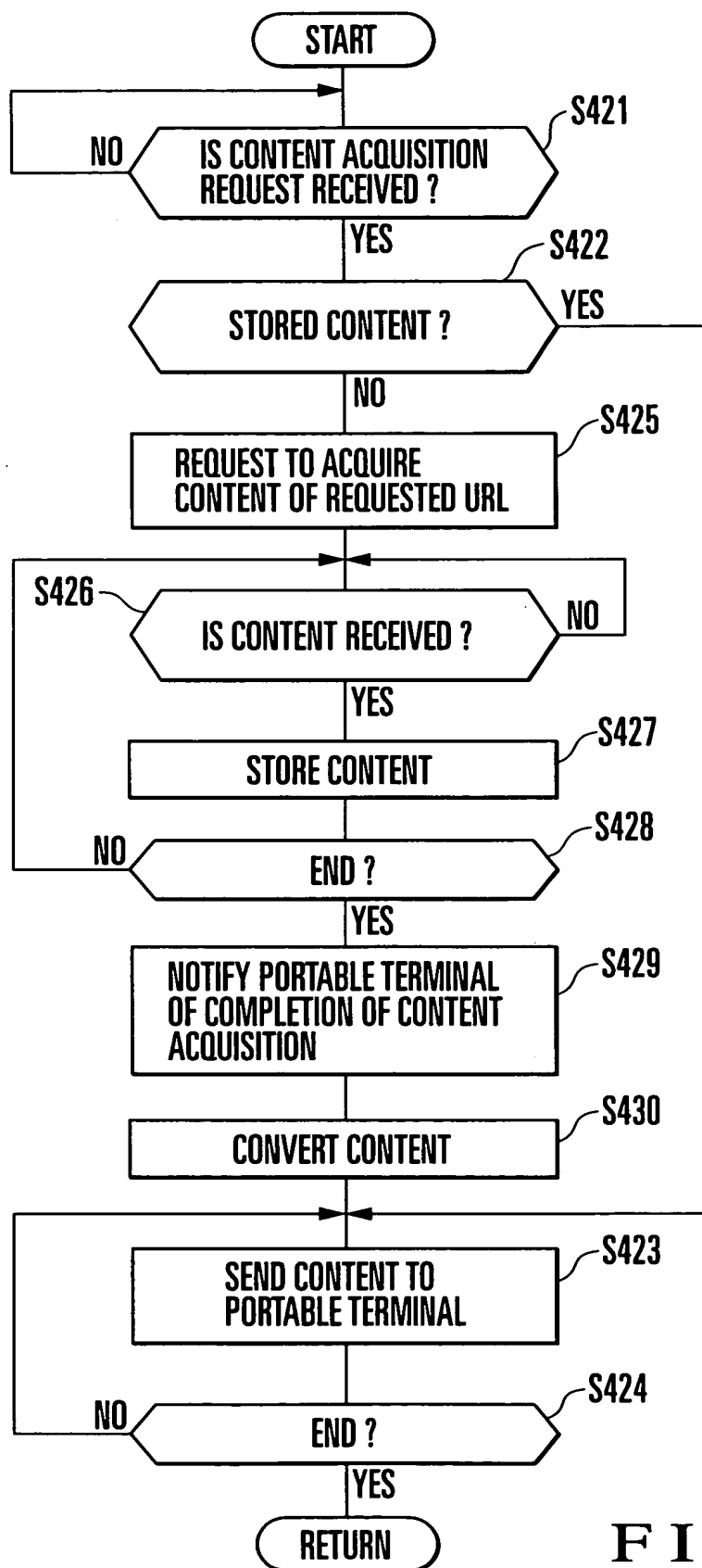


FIG. 4

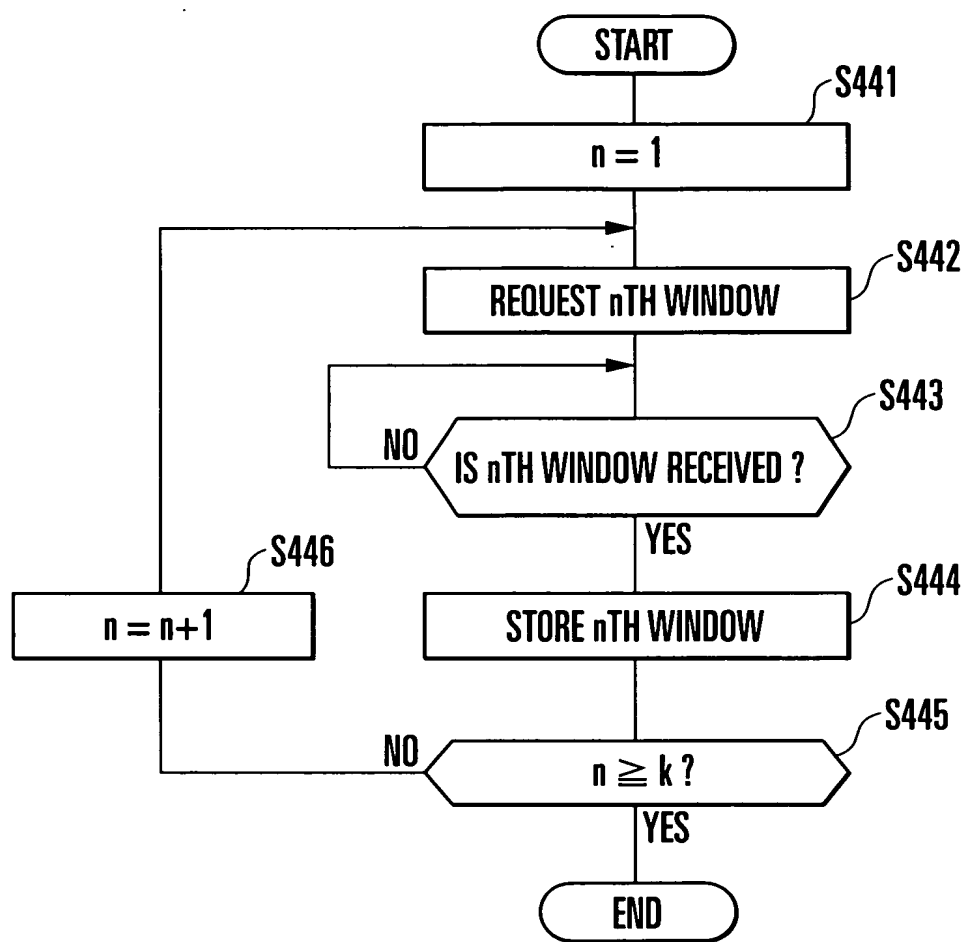


FIG. 5

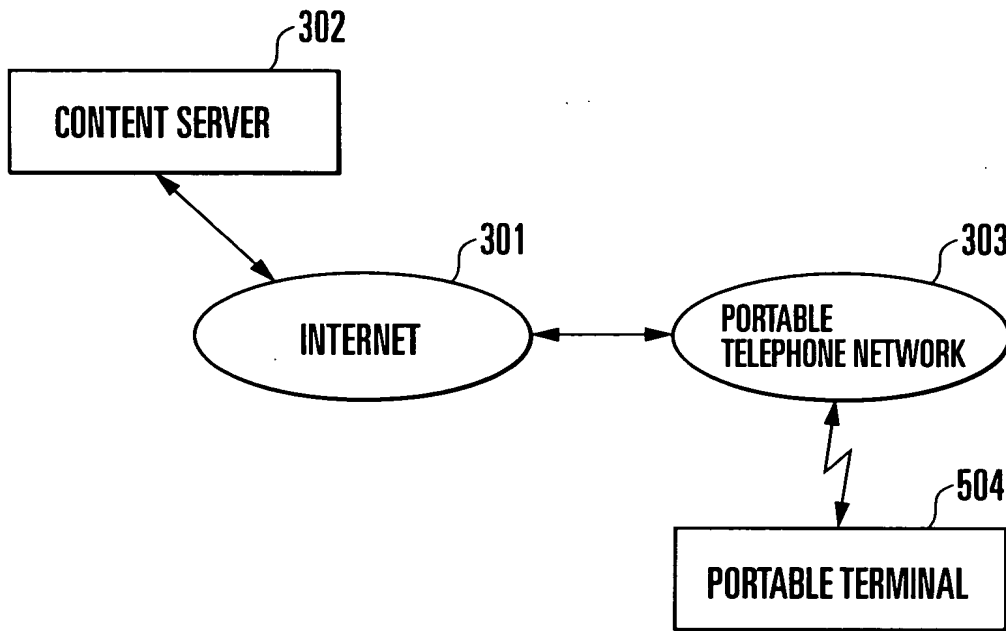


FIG. 6A

PORTABLE TERMINAL 504

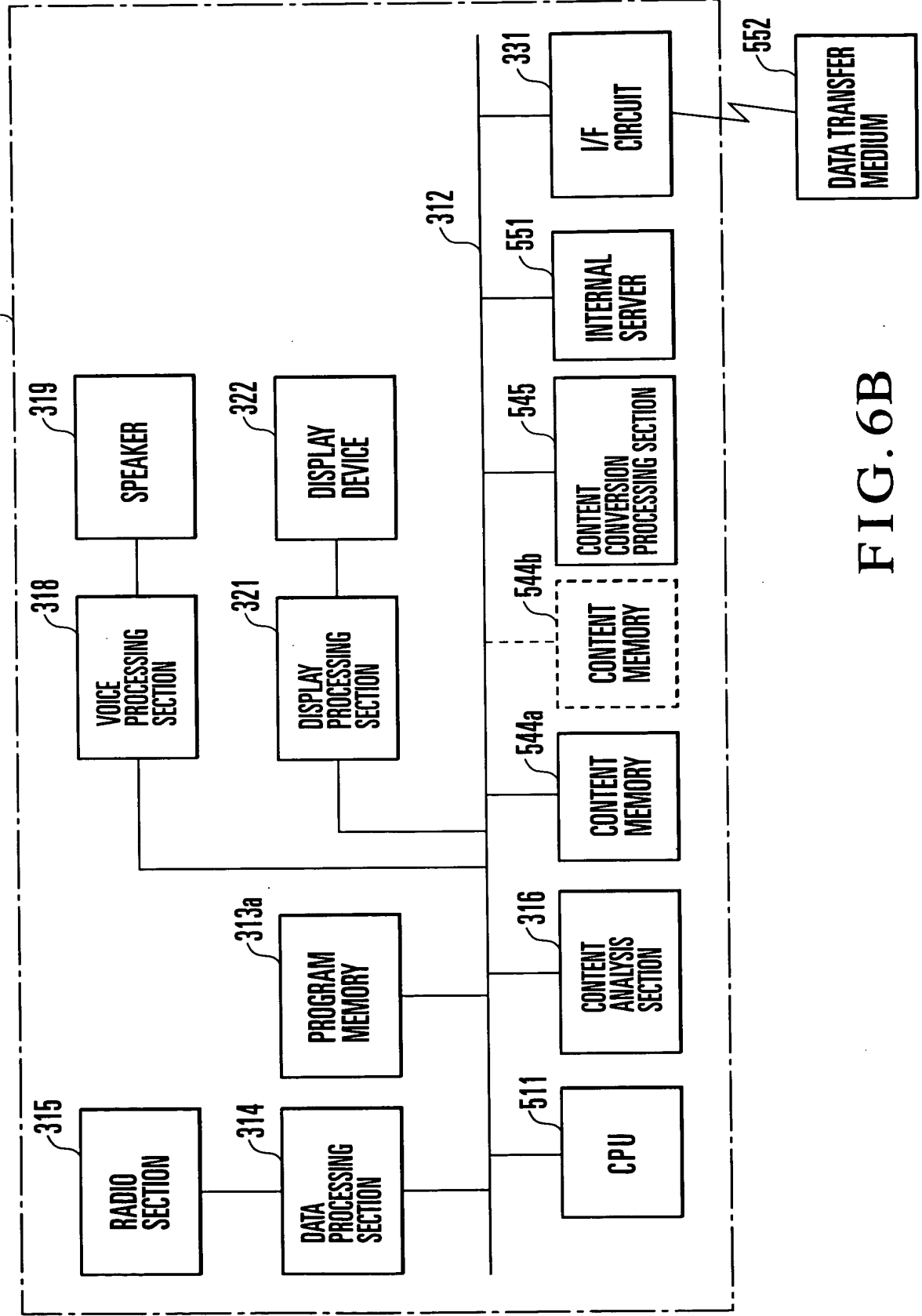


FIG. 6B

CONTENT
SERVER 302

CPU 511

DISPLAY PROCESSING
SECTION 321

INTERNAL
SERVER 551

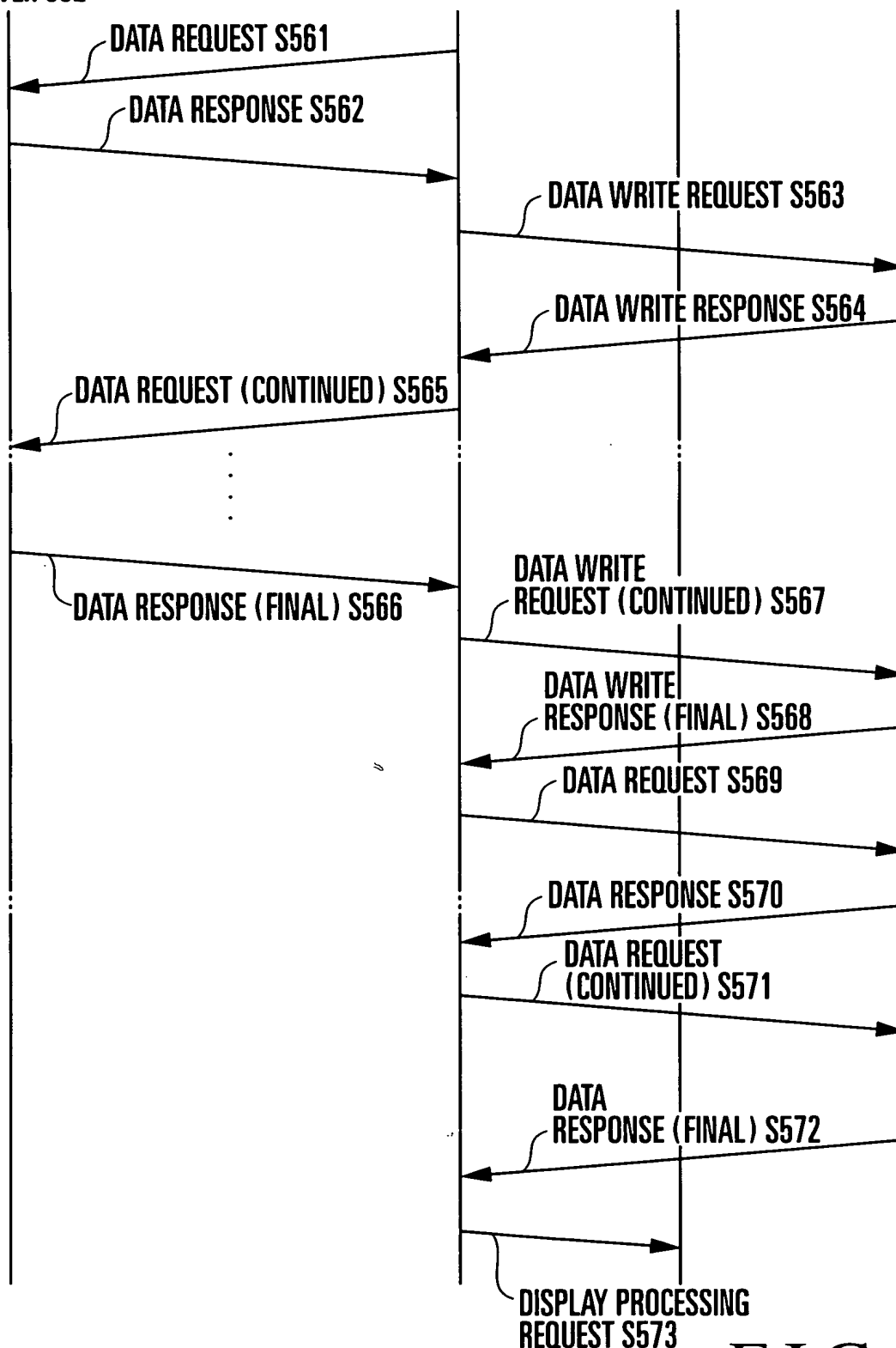


FIG. 7

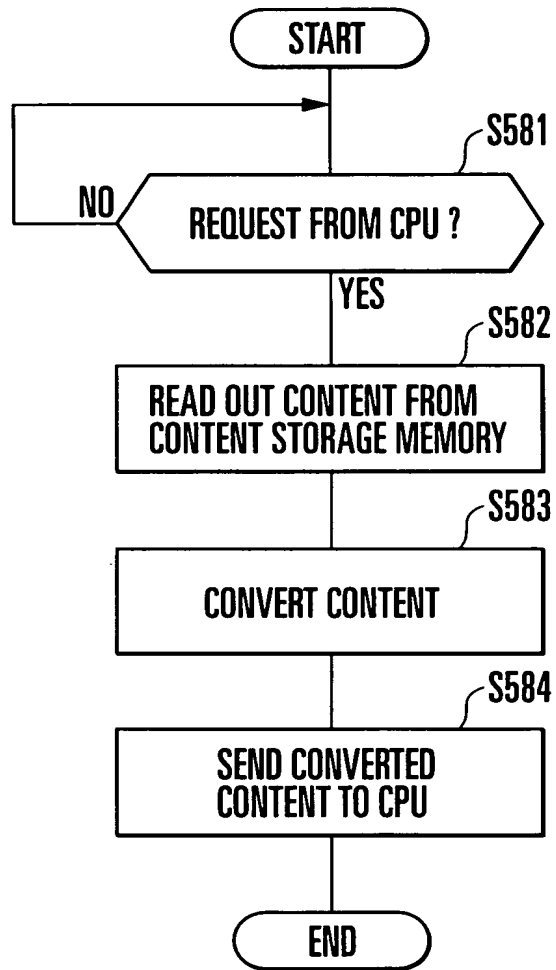


FIG. 8

CONTENT
SERVER 302

CPU 511

DISPLAY PROCESSING
SECTION 321

INTERNAL
SERVER 551

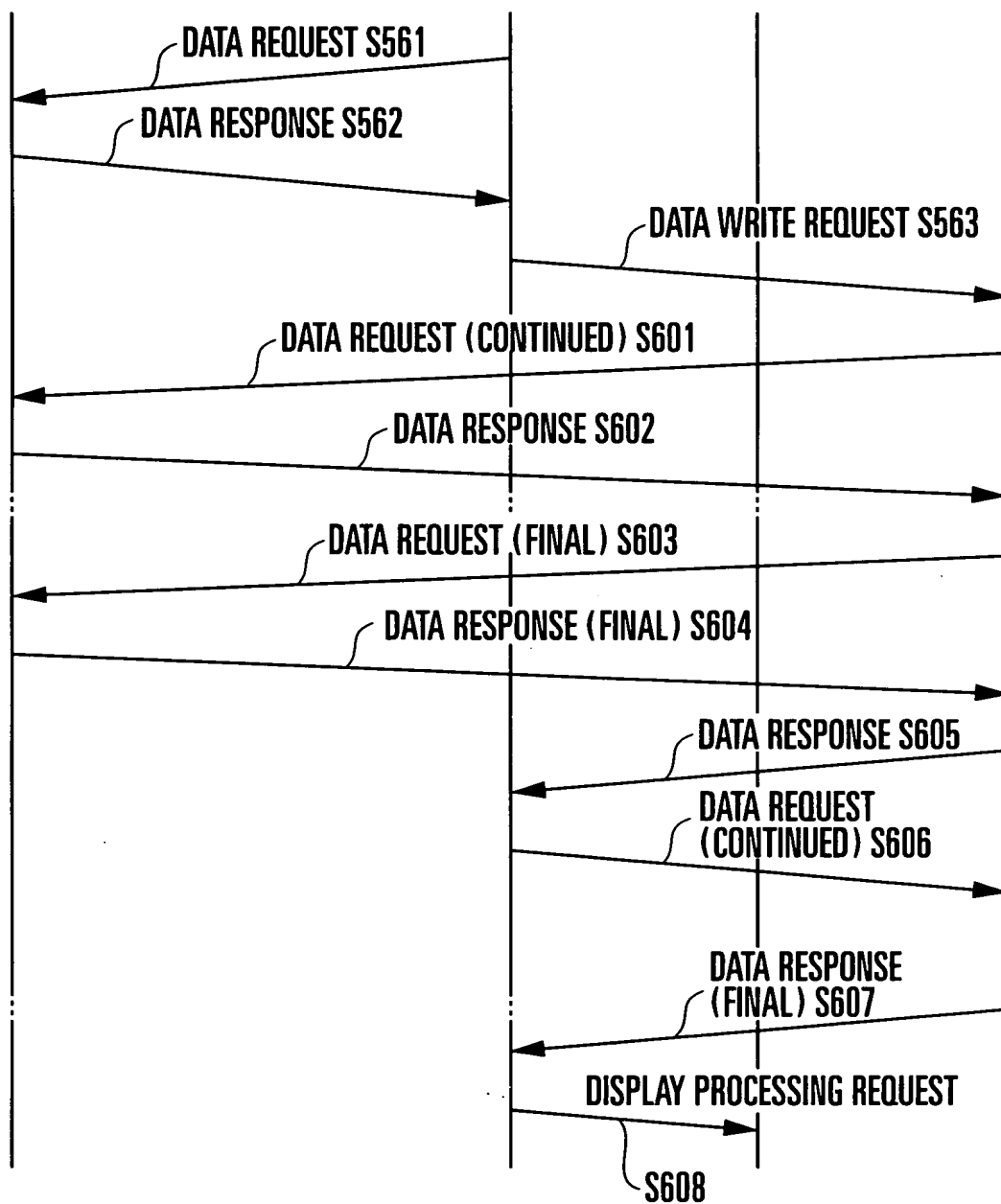


FIG. 9

CONTENT
SERVER 302

CPU 511

DISPLAY PROCESSING
SECTION 321

INTERNAL
SERVER 551

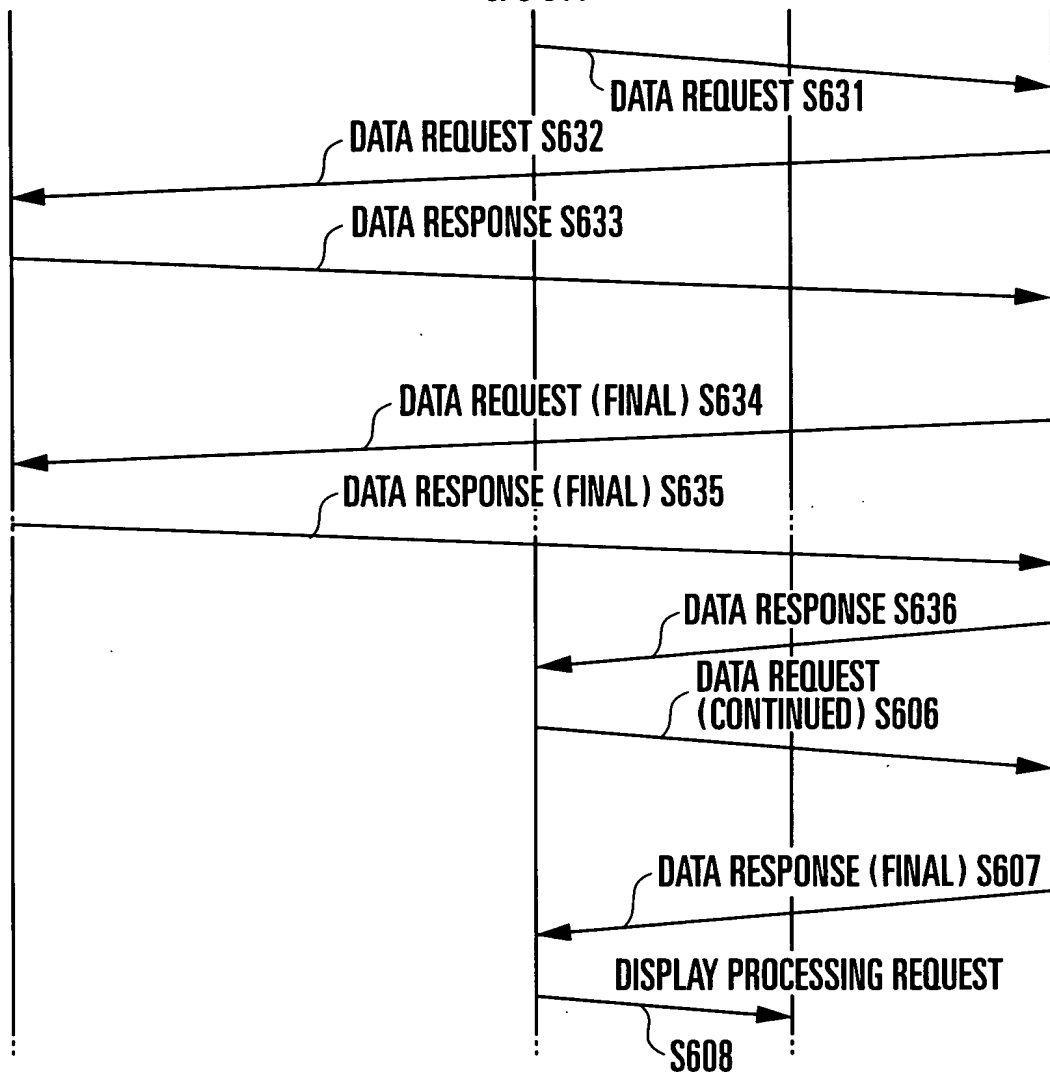


FIG. 10

< CONTENT ACQUISITION > FIRST TWO LINES AND
TYPES OF FILES ARE DISPLAYED

WEATHER FORECAST/TOKYO/SNOW AT FIRST,
LATER RAIN

- GIF (SYMBOL OF SNOW)
- GIF (SYMBOL OF UMBRELLA)
- MIDI (UNKNOWN)

FIG. 11

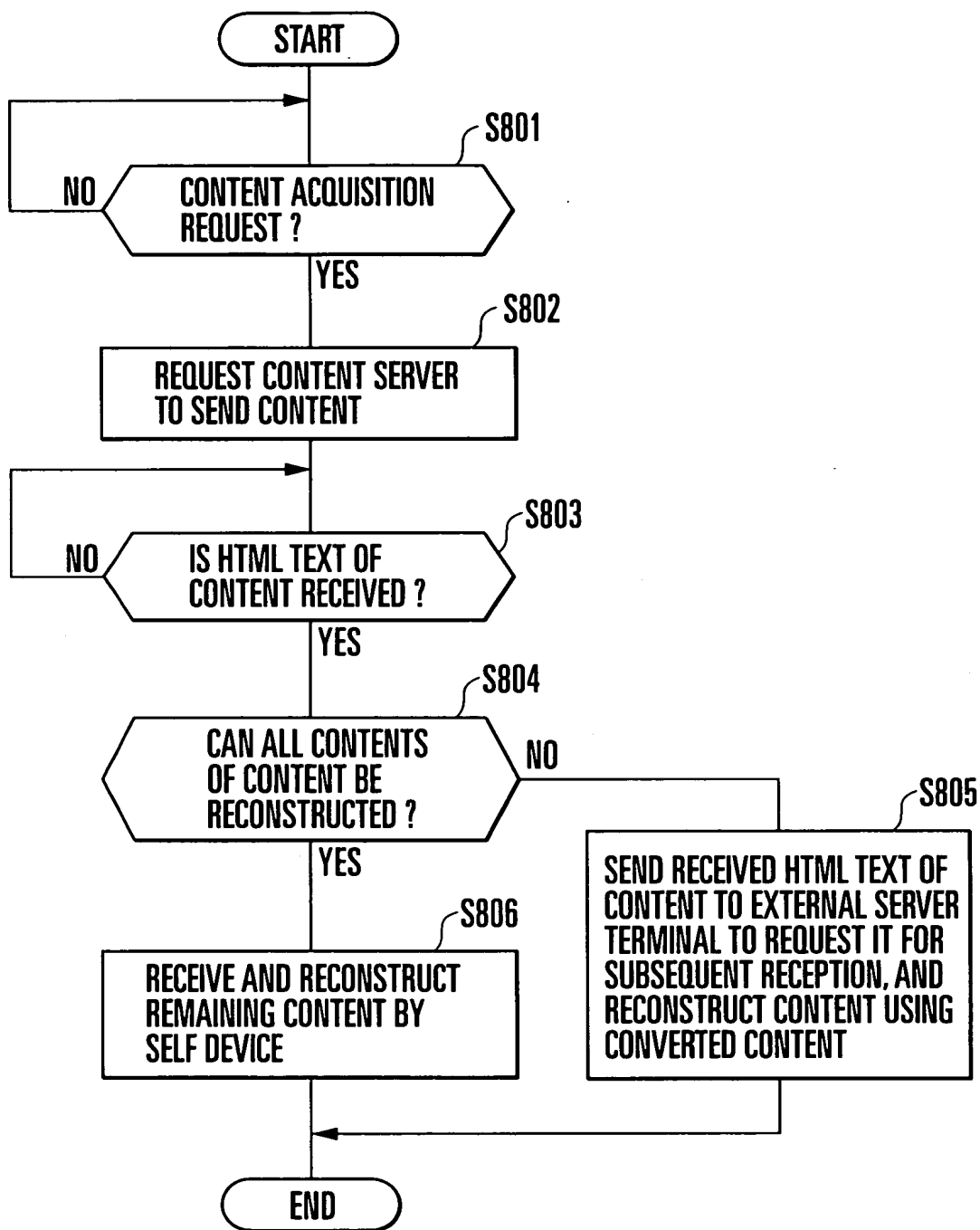


FIG. 12

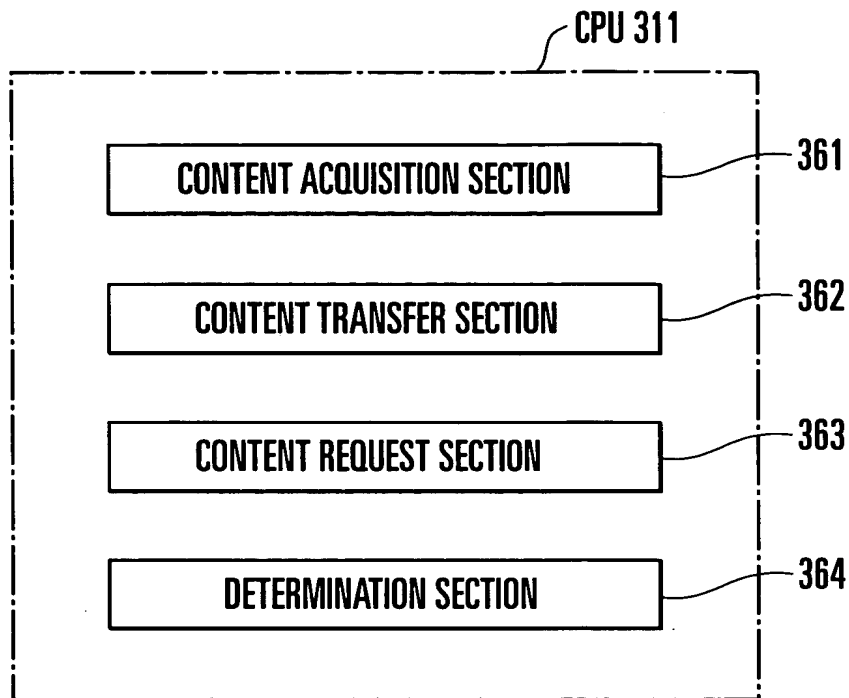


FIG. 13

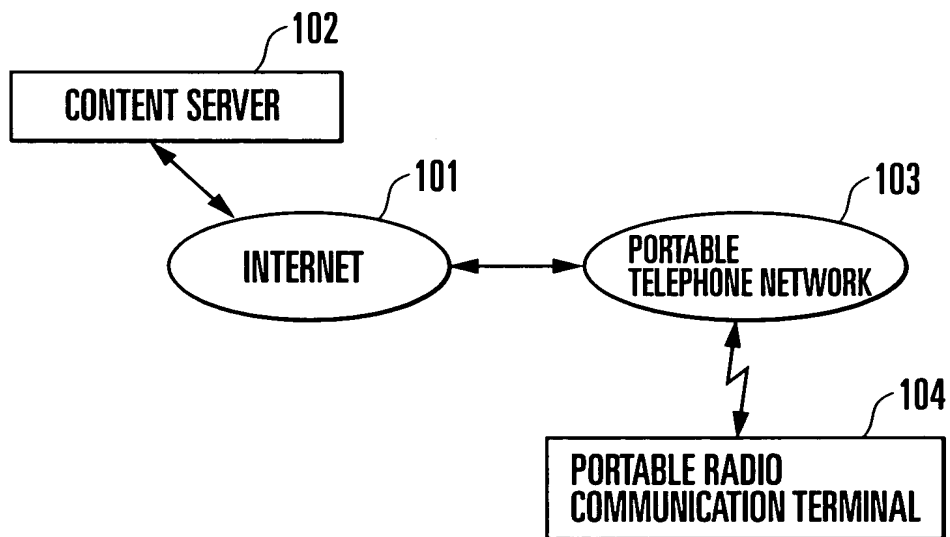


FIG. 14
PRIOR ART

FIG. 15

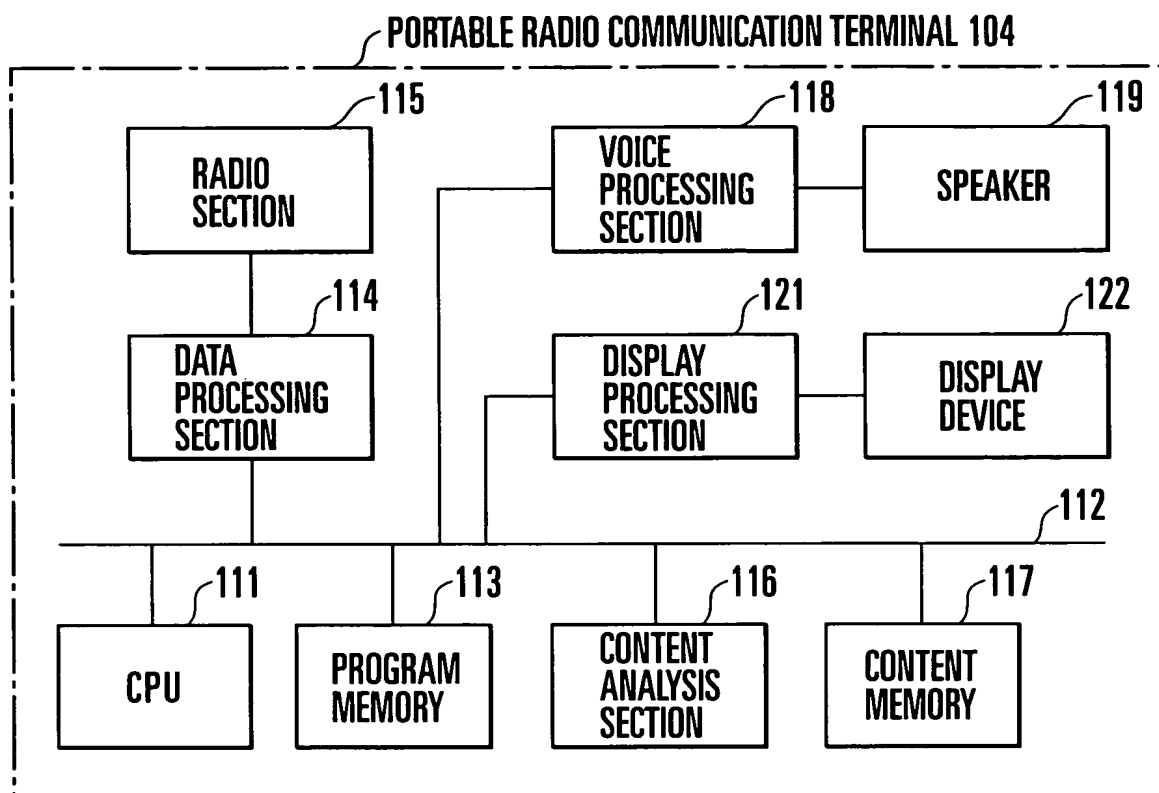


FIG. 15

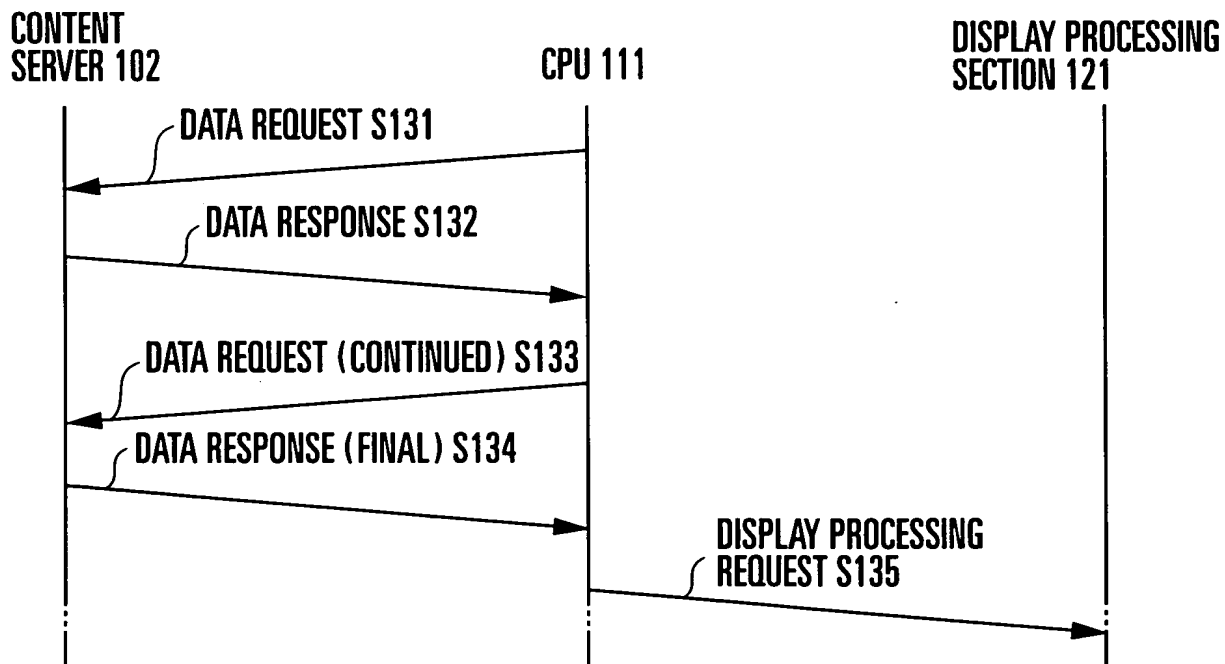


FIG. 16
PRIOR ART

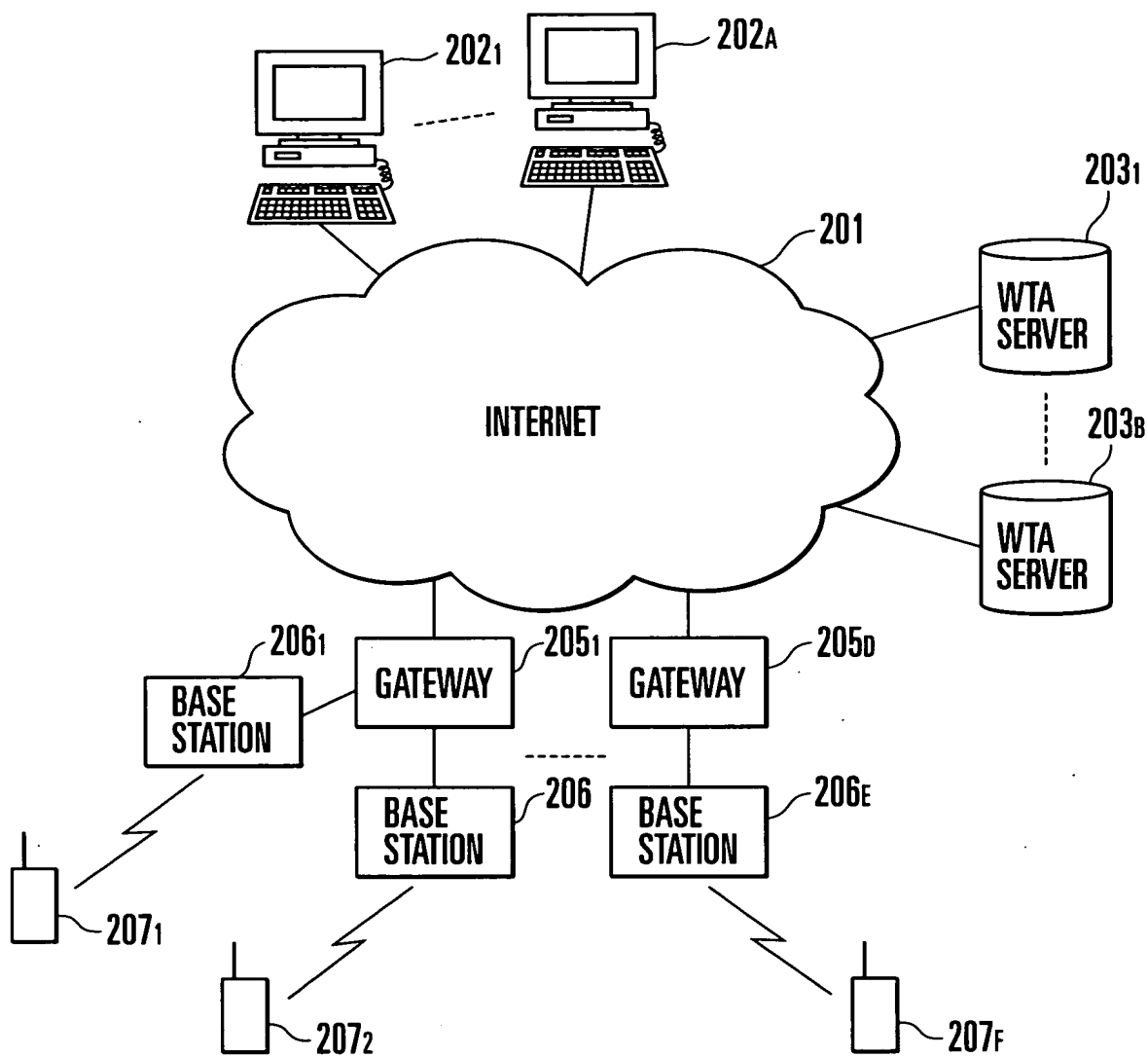


FIG. 17
PRIOR ART

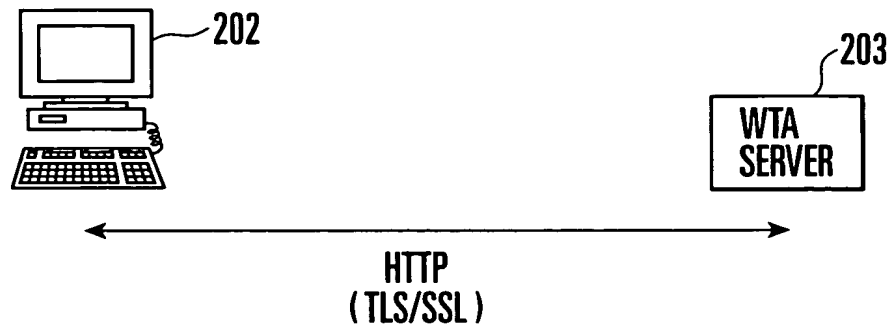


FIG. 18

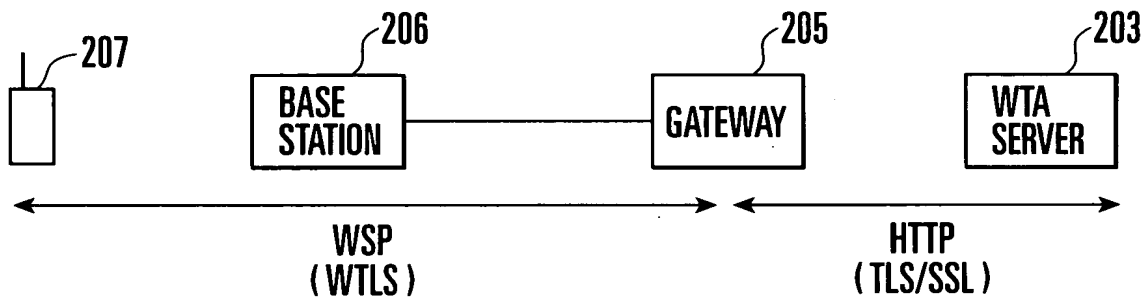


FIG. 19

FIG. 18